



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Clopay Building Products Company
8585 Duke Blvd.
Mason, OH 45040

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The BCCO (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone.

DESCRIPTION: 9'-0" Wide Steel Sectional Garage Door.

APPROVAL DOCUMENT: Drawing No.103287, Sheets 1 of 1, titled "Pan Door 9" W +54/-62 psf" dated 04/07/04 & 03/0305, with last revision on 08/2005, prepared by Clopay Building Products Company, signed and sealed by M.W. Westerfield, PE. bearing the Miami-Dade County Product Control Approval stamp with the NOA number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large & Small Missile.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved or MDPCA", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

LIMITATION: This approval requires the manufacturer to do testing of all coils used to fabricate door panel under this Notice of Acceptance. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Miami-Dade County approved laboratory selected and paid by the manufacturer. Every 3 months, four times a year, the manufacturer shall mail to this office: a copy of the tested reports with confirmation that the specimens were selected from coils at the manufacturer production facilities, and a notarized statement from the manufacturer that only coils with yield strength of 39,500 psi or more shall be used to make panels for Miami Dade County under this Notice of Acceptance.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page, evidence page as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**


9/15/05



NOA No: 05-0316.01
Expiration Date: September 15, 2010
Approval Date: September 15, 2005
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWINGS

1. Drawing prepared by Clopay Building Products Company titled "Pan Door 9"W +54/-62 psf", Drawing No. 103288, dated 04/07/04 & 03/03/05 with latest revision on 08/2005 Sheets 1 of 1 signed and sealed by M. W. Westerfield, PE.

B TEST

1. Test Report of Uniform Static Air Pressure Test per TAS 202, Large Missile Impact Test per TAS 201 and Cyclic Wind Pressure Test per TAS 203, on "Specimens A, B, C, D C 24 gauge painted galvanized steel garage door, drawing # 103287 by American Test Lab, Inc Report No. 0827.01-04 dated 10/22/04, signed and sealed by W. F. Wescott, PE.
2. Test Report of Tensile Test per ASTM E8 on 3 samples ATLNC#0827-01-04 dated 11/16/04, signed and sealed by F. Grate PE.

C CALCULATIONS

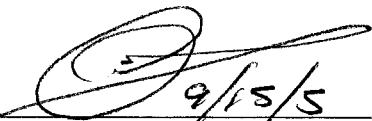
1. Fastener Attachment Calculations prepared by Mark Westerfield PE, sheets 1 & 2 signed and sealed by M. Westerfield PE on 03/03/05.

D QUALITY ASSURANCE

1. Building Code Compliance Office

E STATEMENTS

1. Letter of Code compliance prepared by Mark Westerfield, dated 03/08/05, signed and sealed by M. W. Westerfield PE
2. Letter of No financial interest prepared by Mark Westerfield employed by Clopay Building Products, dated 03/09/05 signed and sealed by M. Westerfield PE.



Candido F. Font PE.

Sr. Product Control Examiner

NOA No 05-0316.01

Expiration Date: September 15, 2010

Approval Date: September 15, 2005

MODELS CLOPAY 84A, 94, 98, H94 (24 GAUGE)

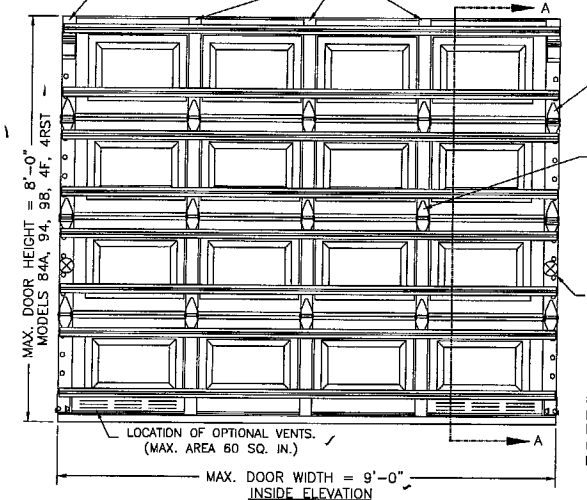
MODELS HOLMES 48 (24 GAUGE)

MODELS IDEAL 4F, 4RST, H4ST (24 GAUGE)

REVISIONS					
REV. NO.	ZONE	DATE	ECN NO.	APPVD.	DESCRIPTION
02	-	8/2005	-	MW	REVISED PER M-D COMMENTS

END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LOC SYSTEM. ALL SECTIONS HAVE (2) CLINCHES AT THE TOP AND (2) CLINCHES AT THE BOTTOM OF EACH END STILE. END STILES ON 18" SECTIONS HAVE (4) CLINCHES EVENLY DISTRIBUTED ACROSS THE FACE OF THE SECTION. END STILES ON 21" SECTIONS HAVE (6) CLINCHES EVENLY DISTRIBUTED ACROSS THE FACE OF THE SECTION.

INTERMEDIATE STILES ARE ATTACHED WITH TOG-L-LOC (TOP & BOTTOM) AND URETHANE ADHESIVE (ALONG CENTER). SEE STILE TABLE FOR QTY.



SEE END HINGE DETAIL

SEE INTERMED. HINGE DETAIL

END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LOC SYSTEM. ALL SECTIONS HAVE (2) CLINCHES AT THE TOP AND (2) CLINCHES AT THE BOTTOM OF EACH END STILE. END STILES ON 18" SECTIONS HAVE (4) CLINCHES EVENLY DISTRIBUTED ACROSS THE FACE OF THE SECTION. END STILES ON 21" SECTIONS HAVE (6) CLINCHES EVENLY DISTRIBUTED ACROSS THE FACE OF THE SECTION.

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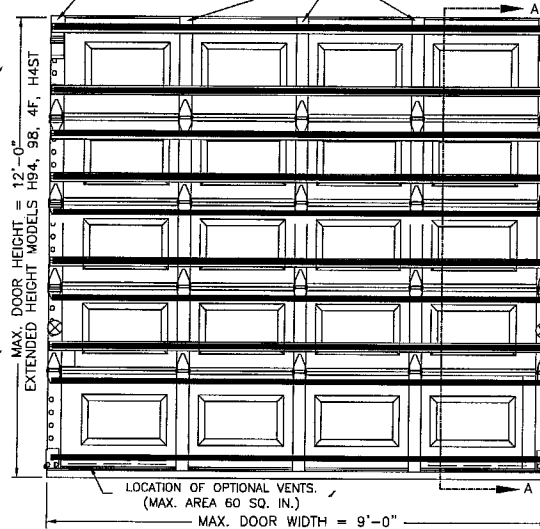


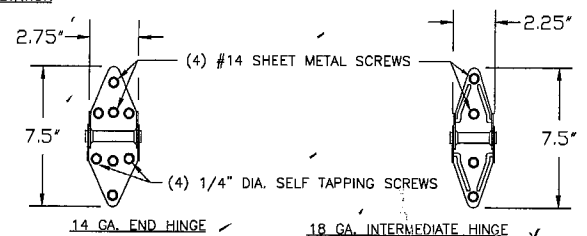
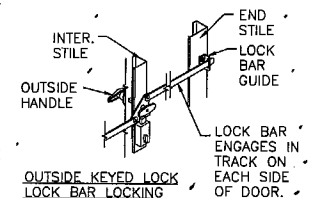
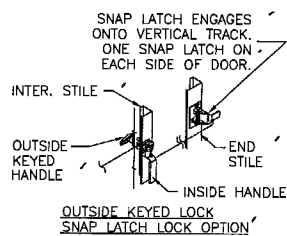
TABLE 1

DOOR HEIGHT	NUMBER OF SECTIONS*
6'-0" TO 7'-0"	4
7'-6" TO 8'-9"	5
9'-0" TO 10'-6"	6
10'-9" TO 12'-0"	7

* SECTION ARE EITHER 18" OR 21" HIGH

STILE TABLE

DOOR WIDTH	# INTERM. STILES
8'-0" TO 9'-0"	3



JAMB TO SUPPORTING STRUCTURE ATTACHMENT

NOTES:

- 1) ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
- 2) ALL JAMB FASTENERS MAY BE (BUT NOT REQUIRED) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
- 3) A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

WOOD FRAME BUILDINGS

STUD WALLS OF DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2x6 PRESSURE TREATED SYP (GRADE #2 OR BETTER) WOOD STUDS OF A STRESS GRADE NOT LESS THAN 1200 PSI. NOMINAL EXTREME FIBER STRESS IN BENDING (F_b). STUD WALLS TO BE CONTINUOUS FROM FOOTING TO TIE BEAMS.

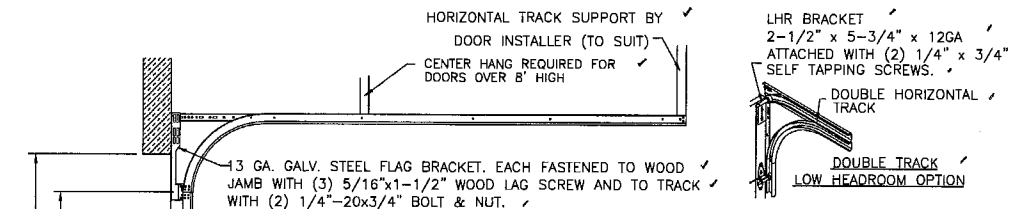
BLOCK WALL OR CONCRETE

2x6 SYP (GRADE #2 OR BETTER) WOOD JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK WALL CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH REINFORCING BARS EXTENDING INTO THE FOOTING AND INTO TIE BEAMS. ALL BARS SHALL BE CONTINUOUS FROM THE TIE BEAMS TO FOOTING PER BLOCK WALL OR CONCRETE COLUMN. BLOCK WALLS AND CONCRETE COLUMNS TO BE DESIGNED BY THE BUILDING ENGINEER OR ARCHITECT OF RECORD.

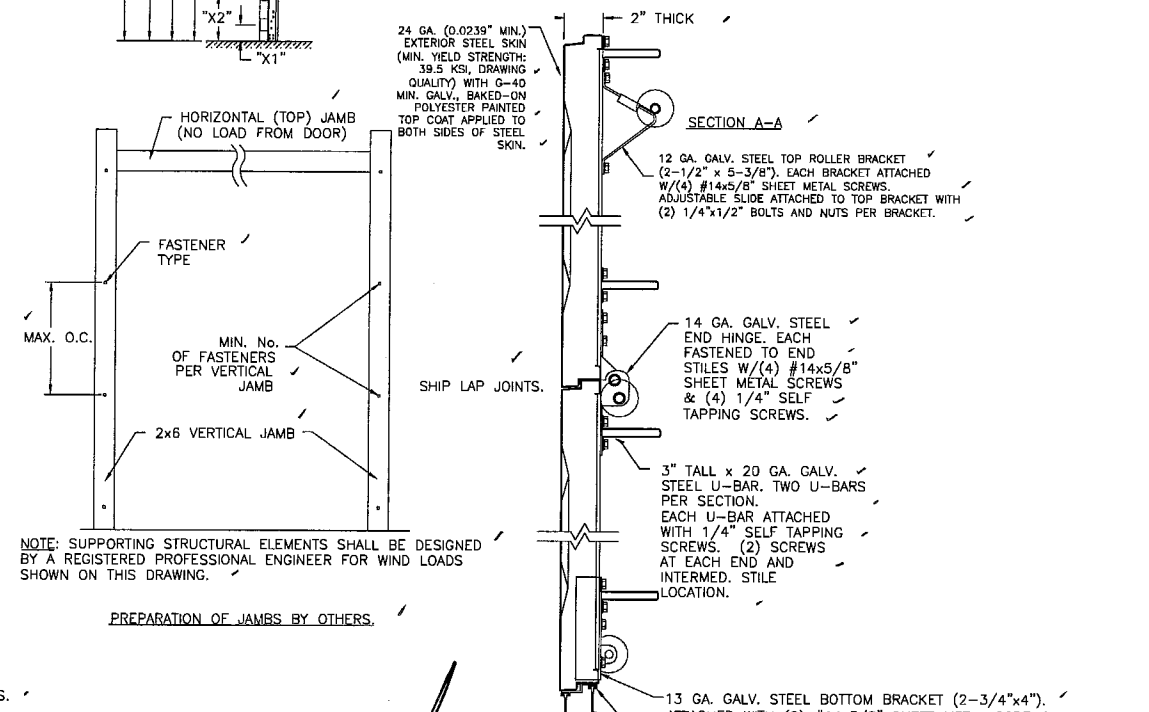
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT
(NOT TO BE USED FOR ATTACHMENT OF TRACK BRACKETS)

BUILDING TYPE	FASTENER TYPE	MAXIMUM ON CENTER DISTANCE BETWEEN FASTENERS	STEEL WASHERS REQUIRED?
C-90 BLOCK (HOLLOW OR GROUTED)	1/4" x 3" (1-1/4" EMBED) ITW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	9'-1/2"	1" O.D.
3,000 PSI MIN. CONCRETE	1/4" x 4" (1-3/4" EMBED) ITW TAPCON CONCRETE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	24"	1" O.D.
3,000 PSI MIN. CONCRETE	1/2" x 4" (2-1/4" EMBED) ITW RED HEAD TRUBOLT WEDGE ANCHOR (2" MIN. EDGE DISTANCE)	24"	INCLUDED
WOOD FRAME	1/2" x 4" (1-5/8" EMBED) LAG SCREW (ASTM A307, GRADE A) (2-1/2" MIN. EDGE DISTANCE)	22"	1" O.D.
2,000 PSI MIN. CONCRETE	1/2" x 4" (2-1/2" EMBED) WEJ-IT SLEEVE ANCHOR (2-1/2" MIN. EDGE DISTANCE)	24"	INCLUDED

* - FIRST ANCHOR/SCREW STARTING FROM BOTTOM AT NO MORE THAN HALF OF MAXIMUM ON CENTER DISTANCE. HIGHEST ANCHOR/SCREW INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING HEIGHT




DOOR HEIGHT	"L"	"X1"	"X2"	"X3"	"X4"	"X5"	"X6"
6'-6"	70"	3-1/2"	10"	35"	60"	-	-
7'-0"	76"	3-1/2"	10"	38"	66"	-	-
7'-6"	82"	3-1/2"	10"	34"	58"	-	-
8'-0"	88"	3-1/2"	10"	34"	58"	-	-
8'-6"	94"	3-1/2"	10"	34"	58"	82"	-
9'-0"	100"	3-1/2"	10"	34"	58"	82"	-
9'-6"	106"	3-1/2"	10"	34"	58"	82"	-
10'-0"	112"	3-1/2"	10"	34"	58"	82"	-
10'-6"	118"	3-1/2"	10"	34"	58"	82"	106"
11'-0"	124"	3-1/2"	10"	34"	58"	82"	106"
11'-6"	130"	3-1/2"	10"	34"	58"	82"	106"
12'-0"	136"	3-1/2"	10"	34"	58"	82"	106"



Unless Stated Otherwise TOLERANCES are

.0 = ±.031
.00 = ±.015
.000 = ±.005
.0000 = ±.001
Degrees = ±1/2°

Unless Stated Otherwise DIMENSIONS ARE IN INCHES.

 Clopay Building Products Company	8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853	CLOPAY WINDLOAD RATING W8	
	DESCRIPTION: PAN DOOR 9'W +54/-62 PSF		
DRAWN BY: RJK	DATE: 04/07/04	SCALE: N/A	DWG. B
CHECKED BY: SH	DATE: 03/03/05	SHEET 1 OF 1	SIZE B
DWG. NO.: 103287		VER.	MD

Approved as complying with the Florida Building Code
Date 09/15/05
NOAH 05-0316.01
Miami Dade Product Control
Division